

GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL Core Competencies/Skills Maintenance for Annual Re- certification

The following objectives are the approved core competencies/skills maintenance for annual FIREFIGHTER re-certification as approved by Georgia Firefighter Standards and Training Council. Each state certified firefighter must demonstrate proficiency in all of the following skills every year as part of the approved re-certification requirements.

1. Emergency Medical

1-1 Perform the following procedures as defined in the Journal of the American Medical Association, Standards and Guidelines for Cardiopulmonary Resuscitation (CPR) and Emergency Cardiac Care (ECC):

(a) single rescuer CPR

1. adult
2. child
3. infant

(b) two rescuer CPR on an adult

(c) management of an obstructed airway

1. conscious and unconscious adult
2. conscious and unconscious child
3. conscious and unconscious infant

(Note: Possession of a current health care provider CPR card issued through the American Heart Association or an equivalent card from other recognized institutions will meet the requirements of 1-1.1.)

1-2 Demonstrate the use of a resuscitation mask in the performance of single and two rescuer CPR.

1-3 Demonstrate a primary survey for life-threatening injuries.

1-4 Demonstrate procedures for controlling external bleeding.

1-5 Describe the principles of infection control and Universal blood and body fluid precautions

1-6 Demonstrate the use, decontamination, disinfection, and disposal of personal protective equipment used for protection from infection.

1-7 Describe characteristics and emergency medical care of thermal burns according to degree and severity.

1-8 Describe symptoms and demonstrate emergency medical care of traumatic shock.

2. General Skills

2-1 Demonstrate the donning and doffing of the following protective equipment:

- (a) helmet (with face shield)
- (b) hood
- (c) boots
- (d) gloves
- (e) protective coat
- (f) protective trousers
- (g) personal alert safety system (PASS) device

2-2 Given the proper rope, tie an approved knot to be used for hoisting any selected forcible entry tool, pike pole/hook, ground ladder, and hose line.

3. Communications

3-1 Explain the procedures utilized by the Authority Having Jurisdiction for a citizen to report a fire or other emergency.

3-2 Explain the procedures utilized by the Authority Having Jurisdiction for receiving an alarm from dispatch or a report of an emergency from the public, and demonstrate appropriate action.

3-3 Define and demonstrate prescribed fire department radio procedures utilized by the Authority Having Jurisdiction including:

- (a) routine traffic
- (b) emergency traffic
- (c) emergency evacuation signals

4. Fire Ground Operations

4-1 Describe the uses and limitations of SCBA.

4-2 Identify each component and safety feature of the SCBA.

4-3 Demonstrate donning and doffing the SCBA while wearing protective clothing.

4-4 Demonstrate the use of SCBA in conditions of restricted passage.

4-5 Demonstrate the following emergency procedures to be used in the event of SCBA failure:

- (a) use of the emergency by-pass or purge valve
- (b) conservation of air to include maximizing the air capacity of a SCBA under work conditions.

4-6 Demonstrate replacement of an expended cylinder on a SCBA assembly with a full cylinder.

4-7 Simulate the Forcible entry through commercial or residential doors, windows and locks to include:

- (a) in-swinging doors
- (b) out-swinging doors
- (c) checkrail(double-hung) windows

4-8 Describe the elements of a personnel accountability system and describe the application of the system at an incident.

4-9 Demonstrate and describe procedures for action when trapped or disoriented in a fire situation or in a hostile environment.

4-10 Carry, position, raise, and lower the following ground ladders:

- (a) single ladder
- (b) extension ladder
- (c) folding ladder

4-11 Perform the procedures for controlling and/or extinguishing the following live fires:

- (a) pile/stacks of Class A combustible materials
- (b) vehicle fires
- (c) trash/dumpster containers
- (d) interior structure fire, to include the demonstration of the following methods of water application:
 - (a) direct
 - (b) indirect
 - (c) combination

(In rare and specific cases, simulated procedures may be used to meet the requirements of the above objective. Firefighters Standards and Training strongly recommends that all attempts to meet the performance requirements be exhausted before simulating this crucial objective.)

- 4-12** Climb the full length of a roof ladder, an extension ladder of at least 24' and an aerial apparatus(if applicable to the Authority Having Jurisdiction) and demonstrate:
- (a) carrying fire fighting tools or equipment while ascending and descending an approved ladder
 - (b) bringing an injured person down an approved ladder
- 4-13** Describe and demonstrate the removal of injured persons from an immediate hazard by the use of drags and/or carriers.
- 4-14** Demonstrate rescue procedures for the following, without compromising the rescuer's respiratory protection:
- (a) a firefighter with functioning respiratory protection
 - (b) a firefighter without functioning respiratory protection
 - (c) a civilian without respiratory protection
- 4-15** Demonstrate primary and secondary search procedures under obscured visibility:
- (a) with a rope or hose line
 - (b) without a rope or hose line
- 4-16** Advance uncharged and charged hose lines of 1 1/2 inch diameter or larger, from a source, given the necessary equipment and operating as a member of a team, for the following evolutions:
- (a) into a structure
 - (b) up a ladder to an upper level
- 4-17** Demonstrate operation of a charged hose line 1 1/2 inches or larger from a ground ladder.
- 4-18** Identify the safety considerations and precautions to be taken in performing ventilation.
- 4-19** Describe the advantages and disadvantages of the following types of ventilation:
- 1. Natural
 - (a) vertical
 - (b) horizontal
 - (c) trench/strip
 - 2. Forced
 - (a) depressurization (negative pressure)
 - (b) pressurization (positive pressure)
 - (c) hydraulic
- 4-20** Identify the signs, causes and effects of backdraft explosions.
- 4-21** Identify methods of preventing a backdraft explosion.
- 4-22** Describe breaking a window or door glass and removing obstructions.
- 4-23** Describe the following conditions, explain their associated hazards and appropriate actions:
- (a) incipient fire
 - (b) rollover
 - (c) smoldering fire
 - (d) flashover
 - (e) steady state burning
 - (f) backdraft
- 4-24** Describe the process of thermal layering that occurs in structural fires and how to avoid disturbing the normal layering of heat.
- 4-25** Demonstrate the deployment of a roof ladder and use hand or power tools to simulate the ventilation of both pitched and flat roofs,
- 4-26** Demonstrate the procedures of working from ground or aerial ladders with tools and equipment.
- 4-27** The student shall describe the procedures and safety precautions to follow while engaged in overhaul operations.
- 4-28** Identify the purpose of salvage, and its value to the public and the fire department.

4-29 Connect a supply hose to a hydrant, and fully open and close the hydrant.

OR

4-30 Assemble and connect the equipment necessary for drafting from a static water supply source.

(Note: the authority having jurisdiction may choose which of the previous two objectives are more relevant for their specific needs and evaluate accordingly.)

4-31 Extinguish an actual or simulated small fire in the growth stage using the appropriate portable fire extinguisher.

4-32 Identify actions necessary to shut off the utility services to a building

5. Prevention, Preparedness and Maintenance

5-1 The student shall identify common fire hazards and make recommendations for the correction of such hazards.

5-2 Demonstrate that the SCBA is in a safe condition for immediate use.

5-3 Describe routine maintenance and documentation for SCBA, including inspection, cleaning, sanitizing, and cylinder recharging

6. Organizational

6-1 Describe the responsibilities of a firefighter within the Occupational Health and Safety policy adopted by the Authority Having Jurisdiction and NFPA 1500, Standard on Fire Department Occupational Safety and Health Program.

1. Describe the role of the firefighter in meeting the requirements of the local authority regarding

its safety and health program.

2. Identify the firefighter's responsibility as required by NFPA 1500 regarding the following areas:

(a) the department's health and safety program

(b) training and education requirements

(c) driving fire apparatus

(d) riding fire apparatus

(e) inspection and use of portable equipment

(f) protective clothing

(g) SCBA

(h) PASS alarms